State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

Region: INTERIOR | USGS Quad: HEALY D-5

Anadromous Water Catalog Number of Waterway: 334-40-11000-2490-3200-4086-5010

Name of Waterway: K-DOG CREEK | ☐ USGS Name | ☒ Local Nam

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 98 103 -98			
Revision Year:		Regional Supervisor	Date: 8-25-97
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist OICLTT	Date: 11/12/97
Revision Code: A-2		Drafted	Date: 12/3/97

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
COHO SALMON	10/4/94	X		X	☒
					☐
					☐
					☐
					☐

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

SEE ATTACHED TRIP REPORT

SPRING NOT SHOWN ON U.S.G.S. TOPOS

ALASKA DEPT. OF FISH & GAME

OCT 23 1997

REGION II HABITAT AND RESTORATION DIVISION

Name of Observer (please print): BILL BUSHER

Date: 8-25-97 Signature: William A Busher

Address: 1300 COLLEGE ROAD FAIRBANKS, AK 99701

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: William A Busher

Revision 11/96

MEMORANDUM **State of Alaska**

To: Al Ott, Regional Supervisor
Habitat and Restoration Division
Department of Fish and Game

Date: October 10, 1994

File No:

Telephone Number: 451-6192

From: Al Townsend, Habitat Biologist III
Habitat and Restoration Division
Department of Fish and Game

Subject: SEE BELOW

RE: Anadromous Fish Streams, Nenana River

On October 6, 1994, Bill Busher and I conducted foot surveys for spawning chum and coho salmon in the following Nenana River tributaries:

June Creek:
371 live coho salmon
37 dead coho salmon
37 dead chum salmon

Quarter Pup Creek (no official name, spring-fed 1/4 mile long tributary to June Creek, 100 yards upstream from Bear Creek)
17 live coho salmon
7 dead coho salmon
4 dead chum salmon

Lignite Spring Creek
225 live coho salmon
19 dead coho salmon
1 dead chum salmon

K-dog Creek (no official name, spring-fed 1/4 mile long, tributary to Lignite Spring Creek)
7 live coho salmon
1 dead coho salmon

Panguingue Creek
45 live coho salmon
5 dead coho salmon

Mercer Springs Creek (completely blocked at Nenana River by extensive beaver dam complex, no fish seen)

The upstream distribution of coho salmon was limited by beaver dams in June Creek, Lignite Springs Creek, Mercer Creek, and Panguingue Creek. Coho salmon were present for approximately 1/2 mile above the Parks Highway in June Creek. A five to six foot high beaver dam prevented fish from passing above this point in June Creek.

Adult coho salmon were present (15 observed) in the first beaver pond above the Alaska Railroad Crossing in Lignite Springs Creek. Additional beaver dams are present above this reach but time prohibited us from seeking private property owners permission to check further upstream. These dams, as could be seen from the road, appeared to as large or larger than the June Creek barrier beaver dam.

Mercer Creek flows into the Nenana River through numerous (10 or more) overflows on an extensive beaver dam complex. These flows cascade over an eight to ten foot high Nenana River cutbank and fish passage is unlikely.

Two large five to six foot high beaver dams about 100 yards from the mouth of Panguingue Creek appear to block all upstream movement of fish. Salmon were not observed above these dams.

cc: Fred Andersen, ADF&G, Fairbanks
Keith Schultz, ADF&G, Fairbanks
Bill Busher, ADF&G, Fairbanks
Denis Fox, ADOT&PF, Fairbanks

AHT/ago

HEALY (D-5) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Add STREAM
334-40-11000-2490-3200-4086-5010
W/ COs

K-DOG CREEK